



AMENDMENTS TO THE CLAIMS

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APR 22 2003
TECHNOLOGY CENTER 2800

1. (currently amended) A method, in an image scanner, for detecting a defect, comprising:
 - determining whether at least one lines are is present in image data for multiple a particular color channels; and
 - determining whether a calibration gains for a photosensors corresponding to the lines are is normal.
2. (original) A method for detecting a defect on a calibration target for an image scanner, comprising:
 - determining that a gain associated with a particular photosensor, in a particular line-array of photosensors, in a photosensor assembly, exceeds a predetermined gain threshold, the gain having been calibrated using the calibration target;
 - determining that an image intensity measurement for the particular photosensor exceeds a predetermined intensity threshold; and
 - determining that an image intensity measurement for each photosensor, physically corresponding to the particular photosensor, in all line-arrays in the photosensor assembly other then the particular line-array of photosensors, does not exceed the predetermined intensity threshold.
3. (original) A method for detecting a defect in image data, comprising:
 - determining that intensity data, from a particular photosensor, in a particular line-array of photosensors, in a photosensor assembly, is less than a predetermined intensity threshold; and
 - determining that intensity data, for each photosensor, physically corresponding to the particular photosensor, in all line-arrays in the photosensor assembly other then the particular line-array of photosensors, is not less than the predetermined intensity threshold.

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4. (original) The method of claim 3, further comprising:
determining that the defect was present during calibration, by determining that a gain for the particular photosensor, determined during calibration, exceeds a predetermined gain threshold.

5. (original) The method of claim 3, further comprising:
determining that the defect was not present during calibration, by determining that a gain for the particular photosensor, determined during calibration, does not exceed a predetermined gain threshold.

Claims 6 - 9 (withdrawn)

10. (original) A scanner, comprising:
a first line-array of photosensors;
a second line-array of photosensors;
a processor; and
5 the processor determining that a defect exists when lines are present in image data from only one of the first and second line-arrays of photosensors and when calibration gains, associated with photosensors corresponding to the lines, are normal.

11. (original) A scanner, comprising:
a calibration target;
a photosensor assembly comprising a plurality of line-arrays of photosensors;
a processor;
5 a particular photosensor, in a particular line-array of photosensors, in the photosensor assembly, having an associated gain that exceeds a predetermined gain threshold, the gain having been calibrated using the calibration target;
the particular photosensor having an associated image intensity measurement that exceeds a predetermined intensity threshold; and

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the processor determining that a defect exists when an image intensity measurement for each photosensor physically corresponding to the particular photosensor, in all line-arrays in the photosensor assembly other then the particular line-array of photosensors, does not exceed the predetermined intensity threshold.

12. (original) A scanner, comprising:

- a calibration target;
- a photosensor assembly comprising a plurality of line-arrays of photosensors;
- a processor;

10 a particular photosensor, in a particular line-array of photosensors, in a photosensor assembly, having an associated image intensity measurement that is less than a predetermined intensity threshold; and

15 the processor determining that a defect exists when an intensity output, for each photosensor physically corresponding to the particular photosensor, in all line-arrays in the photosensor assembly other then the particular line-array of photosensors, is not less than the predetermined intensity threshold.

13. (original) The scanner of claim 12, further comprising:

- the processor determining that the defect was present during calibration, by determining that a gain associated with the particular photosensor, determined during calibration, exceeds a predetermined gain threshold.

14. (original) The scanner of claim 12, further comprising:

- the processor determining that the defect was not present during calibration, by determining that a gain associated with the particular photosensor, determined during calibration, does not exceed a predetermined gain threshold.

Claims 15 - 18 (withdrawn)